

### **What is Claimed is:**

#### 1 An electric power connection structure of a direct current motor,

3 comprising:

4           a housing, having a bottom board provided with a shaft seat  
5       combined with a stator and a circuit board provided with a drive circuit, a rotor  
6       having a rotation shaft rotatably mounted in a shaft tube of the stator, the  
7       housing at least having an outer wall; and

8                a power plate having connection circuits, the connection circuit  
9        having a first end formed with a connection terminal that may be connected to  
10      an electric power, and a second end electrically connected to an drive circuit of  
11      the circuit board, and the power plate mounted on the outer wall of the housing.

2. The electric power connection structure of a direct current motor as claimed in claim 1, wherein the circuit board provided with a drive circuit and the power plate may be formed by a film printed circuit.

3. The electric power connection structure of a direct current motor as claimed in claim 1, wherein the outer wall of the housing is provided with an insertion groove so that the power plate may be inserted into and positioned in the insertion groove.

19                  4. The electric power connection structure of a direct current motor  
20 as claimed in claim 1, wherein the bottom board of the housing has an annular  
21 wall which is provided with a cutout for passage of the connection circuit.

22            5. An electric power connection structure of a direct current motor,  
23 comprising:

24 25

24           a housing, having a shaft seat, the housing at least having an outer  
25       one end rotatably mounted in the shaft seat, the housing at least having an outer  
26       wall; and

1           a film printed circuit, provided with multiple coils and a sensing  
2       drive member, the film printed circuit protruded with a power plate which is  
3       provided with connection terminals that may be connected to an electric power,  
4       and the power plate mounted on the outer wall of the housing.

5           6. The electric power connection structure of a direct current motor  
6       as claimed in claim 5, wherein the housing has an annular groove for receiving  
7       and positioning the film printed circuit.

8           7. The electric power connection structure of a direct current motor  
9       as claimed in claim 5, wherein the outer wall of the housing is provided with an  
10      insertion groove so that the power plate of the film printed circuit may be  
11      inserted into and positioned in the insertion groove.